



IFW

Electronic Filing System (EFS) Data Electronic Patent Application Submission USPTO Use Only

EFS ID: 62850
Application ID: 09539966 

Title of Invention: DATA STORAGE SYSYEM HAVING
SEPARATE DATA TRANSFER
SECTION AND MESSAGE
NETWORK WITH PLURAL
DIRECTORS AND COMMION
PRINTED CIRCUIT BOARDS

First Named Inventor: Stephen MacArthur

Domestic/Foreign Application: Domestic Application

Filing Date: 2000-03-31

Effective Receipt Date: 2004-06-18

Submission Type: Information Disclosure Statement

Filing Type:

Confirmation number: 2142

Attorney Docket Number: EMC2-044PUS

Total Fees Authorized: 180.0

Payment Category: Deposit Account

Deposit Account Number: 50889

Deposit Account Name: Richard M Sharkansky

Access Code: ****

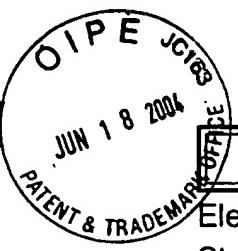
RAM Payment Status: RAM success

RAM User ID: EFSPROD

RAM Accounting Date: 2004-06-18

RAM Sequence Number: 23

Digital Certificate Holder: cn=Richard M. Sharkansky,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
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TRANSMITTAL

Electronic Version v1.1
Stylesheet Version v1.1.0

Title of Invention	DATA STORAGE SYSTEM HAVING SEPARATE DATA TRANSFER SECTION AND MESSAGE NETWORK WITH PLURAL DIRECTORS AND COMMON PRINTED CIRCUIT BOARDS
Application Number:	09/539966
Date:	2000-03-31
First Named Applicant:	Stephen MacArthur
Confirmation Number:	2142
Attorney Docket Number:	EMC2-044PUS

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Submitted by:	Elec. Sign.	Sign. Capacity
Richard M Sharkansky Registered Number: 25800	/rms/	Attorney

Documents being submitted	Files
us-fee-sheet	EMC2-044PUS.1-usfees.xml us-fee-sheet.xsl us-fee-sheet.dtd
us-ids	EMC2-044PUS.1-usidst.xml us-ids.dtd us-ids.xsl

Comments



FEE TRANSMITTAL

Electronic Version v08
Stylesheet Version v08.0

Title of Invention	DATA STORAGE SYSTEM HAVING SEPARATE DATA TRANSFER SECTION AND MESSAGE NETWORK WITH PLURAL DIRECTORS AND COMMON PRINTED CIRCUIT BOARDS										
Application Number:	09/539966										
Date:	2000-03-31										
First Named Applicant:	Stephen MacArthur										
Attorney Docket Number:	EMC2-044PUS										
Art Unit:	2182										
Examiner:	Mike Nguyen										
TOTAL FEE AUTHORIZED \$180											
Patent fees are subject to annual revisions on or about October 1st of each year.											
BASIC FILING FEE											
<table border="1"><thead><tr><th>Fee Description</th><th>Fee Code</th><th>Amount \$</th><th>Fee Paid \$</th></tr></thead><tbody><tr><td>Submission Of Information Disclosure Stmt Fee</td><td>1806</td><td>180</td><td>180</td></tr></tbody></table>				Fee Description	Fee Code	Amount \$	Fee Paid \$	Submission Of Information Disclosure Stmt Fee	1806	180	180
Fee Description	Fee Code	Amount \$	Fee Paid \$								
Submission Of Information Disclosure Stmt Fee	1806	180	180								
AUTHORIZED BILLING INFORMATION											
The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:											
Deposit account number:	050889										
Access Code	*****										
Deposit name:	EMC Corporation										
Deposit authorized name:	Richard M Sharkansky										
Signature:	/rms/										
Date (YYYYMMDD):	2004-06-18										



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of
Invention

DATA STORAGE SYSTEM HAVING SEPARATE DATA
TRANSFER SECTION AND MESSAGE NETWORK WITH
PLURAL DIRECTORS AND COMMON PRINTED CIRCUIT
BOARDS

Application Number: 09/539966



Confirmation Number: 2142

First Named Applicant: Stephen MacArthur

Attorney Docket Number: EMC2-044PUS

Art Unit: 2182

Examiner: Mike Nguyen

Search string: (4977556).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4977556	1990-12-11	Noguchi		370	60

Signature

Examiner Name	Date